

P-M

EL PASO BITA PEAK-700 APACHE  
SW NW sec 19-T41N-R31E CO. 35

COUNTY Apache Filed Bita Peak LEASE NO. 14-20-603-401

WELL NAME El Paso Bita Peak Navajo

LOCATION SW NW SEC 19 TWP 41N RANGE 31E FOOTAGE 2130' FNL 550' FWL

ELEV 5028' GR 5038 DRKB SPUD DATE 6-29-56 STATUS Comp. 8-19-56 TOTAL 5648'  
COMPL DATE 3-7-69 DEPTH

CONTRACTOR 5040 KB CED Gas well

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY	DRILLED BY CABLE TOOL	PRODUCTIVE RESERVOIR	INITIAL PRODUCTION
13 3/8"	232'	200 sx	NA	<input checked="" type="checkbox"/>		<u>Paradox</u>	<u>20,878 MCF plus</u>
9 5/8"	1604'	770 sx					<u>1000 barrels</u>
5 1/2"	5646'	700 sx					<u>condensate</u>

DIFFERS FROM COMPLETION REPORT & AM STRAT

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
Summerville	575'	X	X	
Entrada	770			
Carmel	860			
Wingate	885			
Chinle	1620			
Shinarump	2280			
Moenkopi	2385			
DeChelly	2555			
Rico	3984			
Hermosa	4286			

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG
Micro;GRN; Elec;Radioactivity	5495-5504 (squeezed)	5080-5102	Am Strat
	5352-5360' 5330-5345 (sqd)	5495-5504	SAMPLE DESCRP.
	5160-5170' 5080-5102		SAMPLE NO. T-439
	(producing)		CORE ANALYSIS
			DSTs <input checked="" type="checkbox"/>
			P-176 & 561

REMARKS \_\_\_\_\_ APP. TO PLUG \_\_\_\_\_  
PLUGGING REP. ☒  
COMP. REPORT ☒

WATER WELL ACCEPTED BY \_\_\_\_\_

BOND CO. Federal Insurance Company filed in P/N 542 BOND NO. #8019-79-57

BOND AMT. \$ 25,000 CANCELLED \_\_\_\_\_ DATE \_\_\_\_\_ ORGANIZATION REPORT ☒

FILING RECEIPT \_\_\_\_\_ LOC. PLAT ☒ WELL BOOK ☒ PLAT BOOK ☒

API NO. \_\_\_\_\_ DATE ISSUED 7-6-56 DEDICATION All

PERMIT NUMBER 35

(over)

# DRILL STEM TEST

NO.	FROM	TO	RESULTS
1	5049	5105	1 hr, 8 min, gas in 2 min mud in 7 min, gas stablized in 10 min @ 8300 MCFGPD, sli sour, no rec. FP 1460-1620#, SIP 2185-2210# HP 2655#
2	5588	5648	2 hrs, 45 min, strong blow air, died, rec 40 GCM, FP 0#, SIP (45 min) 525#.

# CORE RECORD

NO.	FROM	TO	RECOVERY	REMARKS
1	5049	5223	172'	1' chips in ismay & desert creek
2	5530	5645	105'	1&2 chips - barker creek

# REMEDIAL HISTORY

DATE STARTED - COMPLETED	WORK PERFORMED	NEW PERFORATIONS

# ADDITIONAL INFORMATION


ARIZONA  
APACHE COUNTY  
WILDCAT (W)

PETROLEUM INFORMATION  
DENVER CASPER  
ROCKY MOUNTAIN  
OIL INFORMATION

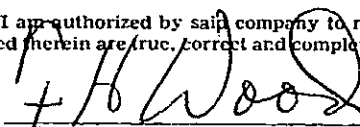
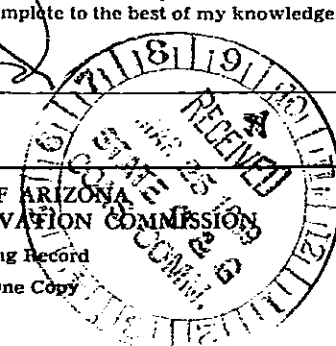
Twp 41n-31e  
Section 19  
SW SW NW  
(2130 s/n 550 e/w)

OPR: El Paso Natural Gas; Stanolind Oil & Gas WELL #: 1 Bita Peak

ELEV: 5031 Gr.	DSTS. & CORES:	SPUD: 6-29-56	COMPL: 12-1-56
*TOPS: <del>Log</del> Sample	DST 5049-5105, (Paradox)	TD: 5648	PB:
Summerville 575	1 hr, 8 min, gas in 2 min	CSG: 13-3/8" @ 232 w/200	
Entrada 770	mud in 7 min, gas stabil-	5 1/2" @ 5646 w/325.	
Carmel 860	ized in 10 min @ 8300		
Wingate 885	MCFGPD, sli sour, no	PERF: 5495-5504 w/4 per ft. Flowed	
Chinle 1620	rec, FP 1460-1620#.	20,800 MCFGPD.	
Shinarump 2280	SIP 2185-2210#, HP 2655#.	Perf: 5080-5102.	
Moenkopi 2385	DST 5588-5648, 2 hrs,		
DeChelly 2555	45 min, strong blow air,		
Cutler 3360	died, rec 40 GCM, FP 0#.		
Rico 3984	SIP (45 min) 525#.	PROD. ZONE:	
Hermosa 4286		INIT. PROD: IPF 20,878 MCFGPD, 3 hrs,	
Paradox 4997		SICP 1847#. Comp. as shut in	
		gas well.	

("PARADOX DISCOVERY - NEW FIELD")  
\*For Electric Logs on Rocky Mountain Wells—Ask Us!

A1-651221

PLUGGING RECORD							
Operator <b>El Paso Natural Gas Company</b>				Address <b>Box 990, Farmington, New Mexico - 87401</b>			
Federal, State, or Indian Lease Number, NavaJO Tribal or lessor's name if fee lease. <b>Cont. 14-20-603-401</b>			Well No. <b>1</b>	Field & Reservoir <b>Wildcat Paradox</b>			
Location of Well <b>2130'N, 550'W, Sec. 19, T-41-N, R-31-E G&amp;SRM</b>				Sec-Twp-Rge or Block & Survey		County <b>Apache</b>	
Application to drill this well was filed in name of <b>El Paso Natural Gas Co. Gas</b>		Has this well ever produced oil or gas	Character of well at completion (initial production): Oil (bbls/day)		Gas (MCF/day) <b>20,878</b>	Dry? <b>Yes</b>	
Date plugged: <b>3-7-69</b>		Total depth <b>P.B. 5115'</b>	Amount well producing when plugged: Oil (bbls/day)		Gas (MCF/day) <b>-0-</b>	Water (bbls/day) <b>Swabbed 300 Bbls.</b>	
Name of each formation con- taining oil or gas. Indicate which formation open to well- bore at time of plugging		Fluid content of each formation		Depth interval of each formation		Size, kind & depth of plugs used Indicate zones squeeze cemented, giving amount cement	
<b>Paradox</b>		<b>Produced gas then</b>		<b>Rico - 280'</b>		<b>50 Sx. squeezed into Perfs.</b>	
		<b>went to water</b>		<b>Hermosa - 721'</b>		<b>50 Sx. spotted in Csg. over</b>	
				<b>Paradox - 652'</b>		<b>5115' to 4745'</b>	
						<b>50 Sx. spotted on stub @ 1976</b>	
						<b>50 Sx. at Base of Int. Csg.</b>	
CASING RECORD							
Size pipe		Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)	Give depth and method of parting casing (shot, ripped, etc.)		Packers and shoes
<b>13 3/8"</b>		<b>232'</b>	<b>None</b>	<b>232'</b>			
<b>9 5/8"</b>		<b>1604'</b>	<b>None</b>	<b>1604'</b>			
<b>5 1/2"</b>		<b>5646'</b>	<b>1976'</b>	<b>3670'</b>	<b>Shot off at 1976'</b>		
Was well filled with mud-laden fluid, according to regulations? <b>Yes</b>				Indicate deepest formation containing fresh water.			
NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE							
Name		Address			Direction from this well:		
<b>Pan American Pet. Corp.</b>		<b>Security Life Building</b>			<b>West</b>		
		<b>Denver, Colorado - 80202</b>					
In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach letter from surface owner authorizing completion of this well as a water well and agreeing to assume full liability for any subsequent plug- ging which might be required.							
<b>Plugged back to surface.</b>							
Use reverse side for additional detail.							
CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the <u>Regional Petroleum Engineer</u> of the <u>El Paso Natural Gas</u> (company) and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated herein are true, correct and complete to the best of my knowledge.							
March 21, 1969 Date				Signature 			
				<div style="text-align: center;"> STATE OF ARIZONA OIL &amp; GAS CONSERVATION COMMISSION Plugging Record File One Copy </div> 			
Permit No. <u>35</u>				Form No. 10			

**BITA PEAK  
(GAS)**

Located in extreme northeast corner of Apache County, near the New Mexico state line in Township 41 North, Range 31 East.

**DISCOVERY DATA**

Exploration method: Core drill and Seismograph  
Total Depth: 5648 ft; PBD: 5115 ft.  
Casing: 13-3/4" to 232 ft; 9-5/8" to 1604 ft; 5 1/2" to 5646 ft.  
Producing Zone: Paradox; perfs at 5080-5102 ft.  
Elevation: 5031 ft. (gr.); T/pay 5080  
Initial Flow: 20,878 CFG plus 1000 bbls condensate per day.

**GEOLOGICAL NOTES**

The deepest zone tested in this area is the Lower Pennsylvanian, penetrated by the discovery well. The Paradox pay in this well was found to be about 22 feet thick. Gravity of the condensate is 60.0.

**FORMATION RECORD (Discovery well)**

(Sample Tops) Summerville 575;  
Entrada 770  
Carmel 860  
Wingate 885  
Chinle 1620  
Shinarump 2280  
Moenkopi 2385  
DeChelly 2555  
Rico 3984  
Hermosa 4286

Excerpts from: Oil and Gas in The Four Corners  
Compiled and Edited by Paul J. Kuhn  
Published by National Petroleum Bibliography  
Amarillo, Texas

STATE LAND DEPARTMENT  
STATE OF ARIZONA

Form O & G 52

Form Prescribed Under Oil and Gas Conservation Act of 1951  
WELL COMPLETION REPORT  
(File in Duplicate)

Operator El Paso Natural Gas Company Field Wildcat  
Street P.O. Box 997 Post \_\_\_\_\_  
City Farmington, State New Mexico County Apache  
Lease Name Bita Peak Well No. \_\_\_\_\_ Acres in Unit 80  
Location 2130' from North Line & 550' from West Line  
Sec. 19 Twp. 41N Rge. 31E  
Elevation DF 5038' GR 5028' Electric Log Run July 20 & Aug. 10 19 56  
Number of Crude Oil Producing Wells on this Lease, including this well None  
Has Authorization to Transport Oil or Gas from Well, Form O&G 57 been Filed? No

OFFICIAL COMPLETION GAUGE

Date Test Commenced 8-27 1956 Hour A M. Date Test Completed 8-27 1956 Hour P M  
Length of Test 3 Hours - Minutes  
For Flowing Well: For Pumping Well:  
Flowing pressure on Tbg. - lbs./sq.in. Length of stroke used \_\_\_\_\_ inches  
Flowing pressure on csg. 1781 lbs./sq.in. Number of strokes per min. \_\_\_\_\_  
Size tbg. 2 3/8 in. No. ft. run 5088' Size of working barrel \_\_\_\_\_ inches  
Size choke \_\_\_\_\_ in. Type choke \_\_\_\_\_ Size tubing \_\_\_\_\_ in. No. ft. run \_\_\_\_\_  
Length \_\_\_\_\_ in. Shut in pressure Tbg. 1847 psig - Csg. 1846 psig  
If flowing well, was this well flowed for the entire duration of this test without  
the use of swab or other artificial flow device? Yes If jetted, used \_\_\_\_\_ cu.  
ft. gas per bbl. oil. Result of this test (bbls. net oil per 24 hrs.)  
(100% tank tables.) 20,878 MCF/D at 14.7 psia & 60°F  
Gas-oil ratio of this well is \_\_\_\_\_ cu. ft. of gas per bbl. of oil.  
Per cent water produced during this test None  
Gravity of oil produced during this test (Corrected to A. P. I. 60° F)  
Name of Pipe Line or other carrier Well waiting on pipeline  
If perforated: No. Shots 4/ft From 5080 To 5102 Date Perforated 8-19-56  
Date well Spudded June 29 19 56 Date Well Completed August 19 19 56  
Top Pay 5080 Ft. Total depth of well 5648 Ft.

CASING LINER AND TUBING RECORD

String	Size	Wt./Ft.	Name and Type	Amount Ft. In.	Depth Set at	Perforated	
						From	To
Surface	13 3/8"	54.50#	Armco S.W.	220'	232'		
Intermediate	9 5/8"	36.0#	Spang-J-55	1594'	1604'		
Production	5 1/2"	15.50#	Spang-J-55	5638'	5646'	5495'-5504' (Squeezed)	
						5352'-5360' (Set B.P.)	
						5330'-5345' (Squeezed)	
						5160'-5170' (Set B.P.)	
						5080'-5102' (Producing)	

CEMENT AND TESTING RECORD

Size of Hole	String	Where Cement Placed	No. Sacks of Cement	Method Used	Pressure Applied in Testing	Hardness of Cement Drilled	Type of Cement
15"	13 3/8"	Surface to 232'	200	Circ.	500#	Good	regular
12 1/4"	9 5/8"	Surface to 1604'	770	Circ.	1000#	Good	Reg. & Pozmix
8 3/4"	5 1/2"	3540' to 5646'	700	Sing. Stg.	1000#	Not drilled	Reg. & Pozmix.

CHEMICAL OR SHOOTING RECORD BEFORE COMPLETION

Size	Chemical or	Quantity	Date	From	Depth to
	15% Hcl	6000 gal.	8-19-56	Perf.	5080'-5102'

AFFIDAVIT

I, Ewell N. Walsh, being first duly sworn on oath state that I have  
knowledge of the facts and matter herein set forth and that the same are true and  
correct.

Representative of Company

Subscribed and sworn to before me this 30 day of August 19 56

San Juan County, APACHE  
My Commission expires: New Mexico

Notary Public

Feb. 24, 1960

## WELL SITE CHECK

By JPS  
Date \_\_\_\_\_

Contractor \_\_\_\_\_ Person(s) Contacted \_\_\_\_\_  
Spud date \_\_\_\_\_  
Type Rig \_\_\_\_\_ Rotary \_\_\_\_\_ Cable \_\_\_\_\_ Present Operations \_\_\_\_\_  
Samples \_\_\_\_\_  
Pipe \_\_\_\_\_ Drilling with Air \_\_\_\_\_ Mud \_\_\_\_\_  
Water Zones \_\_\_\_\_ Size Hole \_\_\_\_\_  
Lost Circ. Zones \_\_\_\_\_ Size Drill Pipe \_\_\_\_\_  
Formation Tops \_\_\_\_\_ Type Bit \_\_\_\_\_  
Cores, Logs, DST \_\_\_\_\_ No. Bit \_\_\_\_\_ Drilling Rate \_\_\_\_\_  
Formation \_\_\_\_\_  
Crews \_\_\_\_\_ Lithology \_\_\_\_\_

## REMARKS, PHOTO, MAP

Visited Location. (in company Commissioner George Siler) Dry-Hole surface marker pipe in place. Location cleaned and everything A-OK. JPS

WELL NAME

El Paso #1 BitaPermit No. 35  
Confidential: NO



APACHE COUNTY, ARIZONA  
El Paso Natural Gas Company  
Bita Peak No. 1  
SPECIAL: Great Western-12/12/56  
12-21-56: LR to DET

7711

REPORT

December 21, 1956

? (acre): Remarks: Upper Des Moines (Strawn) lower Marmaton types  
Conclusion: Fusulines from Bita Peak No. 1 are definitely younger than  
those from Crespi Unit No. 1

10-1-56: Atlantic thin-sections - LR to W. E. Hall

5056: Fusulina, fair - lower Strawn

Pseudostaffella, poor - lower Strawn

5074-5075: Fusulina, very poor; Nankinella, fair - lower Strawn

Nankinella, fair; Eoschubertella, fair - lower Strawn

Fusulina; Nankinella, fair - lower Strawn

Nankinella, poor; Pseudostaffella, fair - lower Strawn

5145-5146: Fusulina, fair - lower Strawn

Eoschubertella, poor - lower Strawn

Fusulina(?) - lower Strawn

Fusulina, poor - lower Strawn

5601-5602: Fusulina, good; Fusulina, fair - lower Strawn, lower  
Cherokee

5601-5602: Fusulina, good; Fusulina, good;

Wedekindellina, fair - lower Strawn, lower Cherokee

Fusulina, fair; Fusulina, poor

Wedekindellina, very poor - lower Strawn, lower Cherokee

Wedekindellina, fair - lower Strawn, lower Cherokee 10/1/56

APACHE COUNTY, ARIZONA

El Paso Natural Gas Company

Bitu Peak No. 1

SPECIAL: Great Western-12/12/56

12-21-56: LR to DET

Permit - - 2711  
No. 35

#35

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@Wedekindellina, very poor - lower Strawn, lower Cherokee  
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X - Lambert  
X - Chrono

MEMO TO: File #35

FROM : J. A. Lambert

4-23-69  
9:10 a.m.

Re: El Paso Bitu Peak #1  
T41N, R31E, G & SRM  
Sec. 19: SW/4 NW/4  
Apache County  
Permit #35

Forrest Wood, El Paso Natural Gas Company called this date. He advised that the dry hole marker has been placed. He feels that the marker fulfills the requirements of this Commission with the exception that the quarter-quarter section location and the Permit number was left off the marker. This situation will be remedied within the near future; and, he will write us a letter when the additional information has been noted on the marker.

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# SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator El Paso Natural Gas

2. OIL WELL ☐ GAS WELL ☒ OTHER ☐ (Specify) \_\_\_\_\_

3. Well Name Bitu Peak No. 1

Location SW/4 NW/4 Sec. 19, T41N, R31E G & SRM

Sec. 19 Twp 41N Rge. 31E County Apache Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease \_\_\_\_\_

5. Field or Pool Name \_\_\_\_\_

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐ PULL OR ALTER CASING ☒ WATER SHUT-OFF ☐ MONTHLY PROGRESS ☐

FRACTURE TREAT ☐ DIRECTIONAL DRILL ☐ FRACTURE TREATMENT ☐ REPAIRING WELL ☐

SHOOT OR ACIDIZE ☐ PERFORATE CASING ☐ SHOOTING OR ACIDIZING ☐ ALTERING CASING ☐

REPAIR WELL ☐ CHANGE PLANS ☐ ABANDONMENT ☐

(OTHER) Plug & Abandon ☐ (OTHER) \_\_\_\_\_

## SUBSEQUENT REPORT OF:

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Propose to load hole with mud, squeeze perfs. 5080-5102' with 50 sx cement below full bore packer which is now set at 5045'. Pull tubing and packer. Determine 5 1/2" casing free point by stretch. Shoot off at indicated free point and work free. Spot 50 sacks cement plug on casing stub by displacing cement down the 5 1/2" casing.

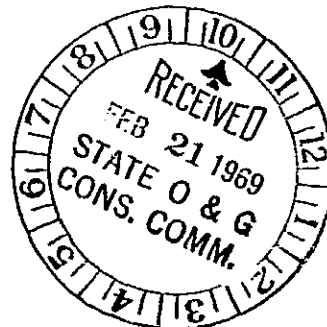
Pull 5 1/2" casing to 1650' and spot 50 sacks plug at base of 9 5/8" casing by displacing down 5 1/2" casing. Pull 5 1/2" casing.

Place 10 sacks cement plug at the surface. Install a dry hole marker and clean location.

**APPROVED**

By [Signature]

Date 2-21-69



8. I hereby certify that the foregoing is true and correct.

Signed [Signature]

Donald C. Adams

Title Regional Production Engg. 2-20-69

STATE OF ARIZONA  
OIL & GAS CONSERVATION COMMISSION  
Sundry Notices and Reports On Wells

File 2 Copies

Form No. 25

Permit No. 35

January 22, 1969

Pertinent Data Sheet - Bitu Peak No. 1

Location: NW/4 Sec. 19, T-41-N, R-31-E, Apache County, Arizona

Field: Wildcat      Elev.: 5039' GL      T. D.: 5648'      P.B.T.D.: 5115'

Completed: 8-27-56      Initial Potential: 20,878 MCF/D - Choke Vol.

<u>Casing Record:</u>	<u>Casing Size</u>	<u>Wt. &amp; Grade</u>	<u>Depth Set</u>	<u>Cement</u>	<u>Top/Cement</u>
	13 3/8"	54.5# S. W.	232'	200 Sks.	Circulated
	9 5/8"	36# J-55	1604'	700 Sks.	Circulated
	5 1/2"	15.5# J-55	5646'	700 Sks.	3540' T/S

Tubing Record: 2 3/8" EUE set at 5045' w/Baker Full bore packer on bottom.

<u>Formation Tops:</u>			
Chinle	1600'	Cutler Red Beds	2840'
Shinarump	2255'	Cutler Evaporites	3375'
Moen Kopi	2365'	Rico	3995'
De Chelly	2545'	Hermosa	4275'
		Paradox	4996'

Logging Record: GR-N - 0 - 5648' ES - ML - 4900' - 5648'

Stimulation: Perfs 5080 - 5102' acidized w/6000 gal. HCL.

Workover History: No Workovers

Production History: To 1-1-67 1.29 M<sup>3</sup>CF

Procedure to Plug and Abandon:

Load hole w/mud, squeeze perfs 5080 - 5102' w/50 sacks cement below Full bore packer which is now set at 5045'.

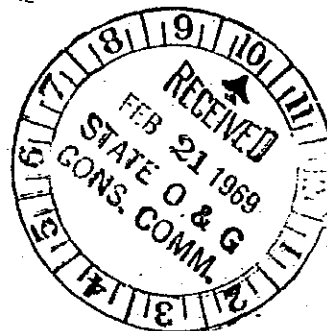
Pull tubing and packer.

Determine 5 1/2" casing free point by stretch. Shoot off at indicated free point and work casing free.

Spot 50 sack cement plug on casing stub by displacing cement down the 5 1/2" casing.

Pull 5 1/2" casing to 1650' and spot 50 sacks plug at base of 9 5/8" casing by displacing cement down the 5 1/2" casing. Pull the remainder of the 5 1/2" casing.

Place a 10 sack cement plug at the surface. Install a dry hole marker and clean location.



FHW:dgb

35

BITA PEAK NO. 1

1968:

November 28 - Finished remanifolding the compressor so that line gas could be pumped down the casing to kick the well off. Pressured casing to 1050 psig at which time it kicked off and began unloading heavy slugs of water. Blew tubing for 2 1/2 hours then turned well on line. It died and would not produce.

December 9 - Csg = 1038 psig. Injected 2 gallons soap down tubing and 8 gallons soap down casing.

December 10 - Csg = 1033. Kicked well off through tubing to the atmosphere by pressuring with compressor to 1050 psig. Was unloading good but had to shut in due to gas and spray settling on compressor.

December 11 - Blew tubing to atmosphere after pressuring up with compressor. Blew a total of 5 hours. Each time the compressor supplying gas to the casing was shut in the tubing choked up and died. After five hours of blowing and unloading lots of water it was attempted to put the well on the line. It would not produce.

December 18 - Blew tubing to atmosphere but it died and would not unload. Blew casing down and it would not unload.

December 20 - Moved on location and pulled tubing. Ran McCullough "Casing Inspection Log" from 5080' to 1600'. The log indicated only minor corrosion and no holes.

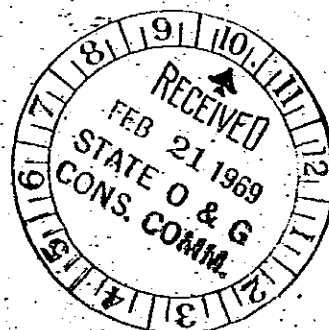
December 21 - A Baker "Full Bore" packer was run on 2 3/8" tubing. The casing was tested by setting the packer at 5048' and pressure testing the annulus to 2000 lb. A bridge plug below the perforations was tested by setting the packer at 5111' and pressuring the tubing to 1000 lb. Both tests showed no indications of a leak. The packer was then set at 5045' and the tubing landed. The well was left shut in. These tests indicate the water being produced is entering the well through the perforations.

1969:

January 3 - Tubing pressure = 1065 psig. Blew tubing down to see if it would unload but it would not.

January 7 - T = 1060 psig. Blew tubing down and it would not unload. Swabbed well all day. Fluid level at 1800' at start and 2000'. Recovered an estimated 300 bbls. water.

January 8 - Swabbed well seven hours. It would not kick off and the fluid level would not change. Recovered an estimated 300 bbls. Left well shut in.



OPERATOR'S CERTIFICATE OF COMPLIANCE AND AUTHORIZATION TO TRANSPORT OIL OR GAS FROM LEASE		
Lease Bita Peak #1	Field Wildcat	Reservoir Paradox
Survey or Sec-Twp-Rge Sec. 19, T-41-N, R-31-E	County Apache	State Arizona
Operator El Paso Natural Gas Company		
ADDRESS ALL CORRESPONDENCE CONCERNING THIS FORM TO:		
Street P. O. Box 990	City Farmington	State New Mexico
Above named operator authorizes (name of transporter) El Paso Natural Gas Products Company		
Transporter's street address	City El Paso	State Texas
Field address Box 990, Farmington, New Mexico		
Oil, condensate, gas well gas, casinghead gas		
To transport 100	% of the gas condensate	from said lease.
OTHER GATHERERS TRANSPORTING FROM THIS LEASE ARE AS FOLLOWS:		
Name of gatherer	% transported	Product transported
El Paso Natural Gas Products Co.	100	Gas condensate
Indicate whether or not this certificate is for a new lease. If not a new lease, indicate whether or not it is a change of operator, change of lease name, change of gatherer, or a consolidation or subdivision of leases and give effective date of change.		
New		

The undersigned certifies that the rules and regulations of the State of Arizona Oil & Gas Conservation Commission have been complied with in drilling and producing operations on this lease, except as noted above, and that the above transporter is authorized to transport the above specified percentage of the allowable oil or gas produced from the above described property, and that this authorization will be valid until further notice or until cancelled by the State of Arizona Oil & Gas Conservation Commission.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Petroleum Engineer of the El Paso Natural Gas Company (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

Date June 8, 1962

Signature R. W. Meehan

Date approved: June 11, 1962  
Commissioner's Number: \_\_\_\_\_

By: D. A. Jerome

File No. \_\_\_\_\_

STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION	
Operator's Certificate of Compliance & Authorization to Transport oil or Gas from Lease	
Form No. P-17	File three copies
Authorized by Order No. <u>4659</u>	
Effective <u>April 6, 1959</u>	

Form 23-55(1-56)

OIL CONSERVATION COMMISSION  
3500 North Central Avenue  
BOX 697-

120 EAST CHACO

AZTEC, NEW MEXICO  
PHOENIX, ARIZONA

NOTICE OF GAS CONNECTION

DATE April 17, 1962

THIS IS TO NOTIFY THE OIL CONSERVATION COMMISSION THAT CONNECTION FOR THE PURCHASE OF GAS FROM  
THE El Paso Natural Gas Company  
OPERATOR

Bita Peak #1  
LEASE

"E"  
WELL UNIT

19-41N-31E  
S-T-R

Undesignated Paradox  
POOL

El Paso Natural Gas Company  
NAME OF PURCHASER

WAS MADE ON May 26, 1960 , FIRST DELIVERY April 12, 1962  
DATE DATE

Choke 20,878  
AOF 220,388  
INITIAL POTENTIAL

El Paso Natural Gas Company  
PURCHASER

*L. C. Williams*  
REPRESENTATIVE

Assistant Chief Dispatcher  
TITLE

CC: TO OPERATOR  
OIL CONSERVATION COMMISSION - SANTA FE  
F. N. WOODRUFF - EL PASO  
B. D. ADAMS  
Pan American  
FILE

2635

14

32 x 11



NEW MEXICO OIL CONSERVATION COMMISSION  
MULTIPOINT AND ONE POINT BACK PRESSURE TEST, JR GAS WELL

Form C-122  
Revised 9-1-65

Type Test <input type="checkbox"/> Initial <input checked="" type="checkbox"/> Annual <input type="checkbox"/> Special		Test Date 11-2-67	
Company El Paso Natural Gas Company		Connection	
Pool		Formation Paradox	
Completion Date		Total Depth	
Csg. Size 5.500		Set At 4.950	
Tbg. Size 2.375		Set At 5058	
Perforations: From 5080 To 5360		Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single		Packer Set At	
Producing Thru (3) csg. Reservoir Temp. °F (1) tbg. (2) tbg. 129 5220		Mean Annual Temp. °F 60	
Baro. Press. - P <sub>a</sub>		County Apache	
State Arizona		Meter Run 4.026"	
Taps			

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Flow Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h <sub>w</sub>	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
SI							965		976		0
1.	4.026		0.625		9.39	76	947		973		4 hours
2.	4.026		1.500		6.17	75	874		967		2 3/4 hr
3.	4.026		1.500		8.92	71	952		933		6 1/2 hr
4.											
5.											

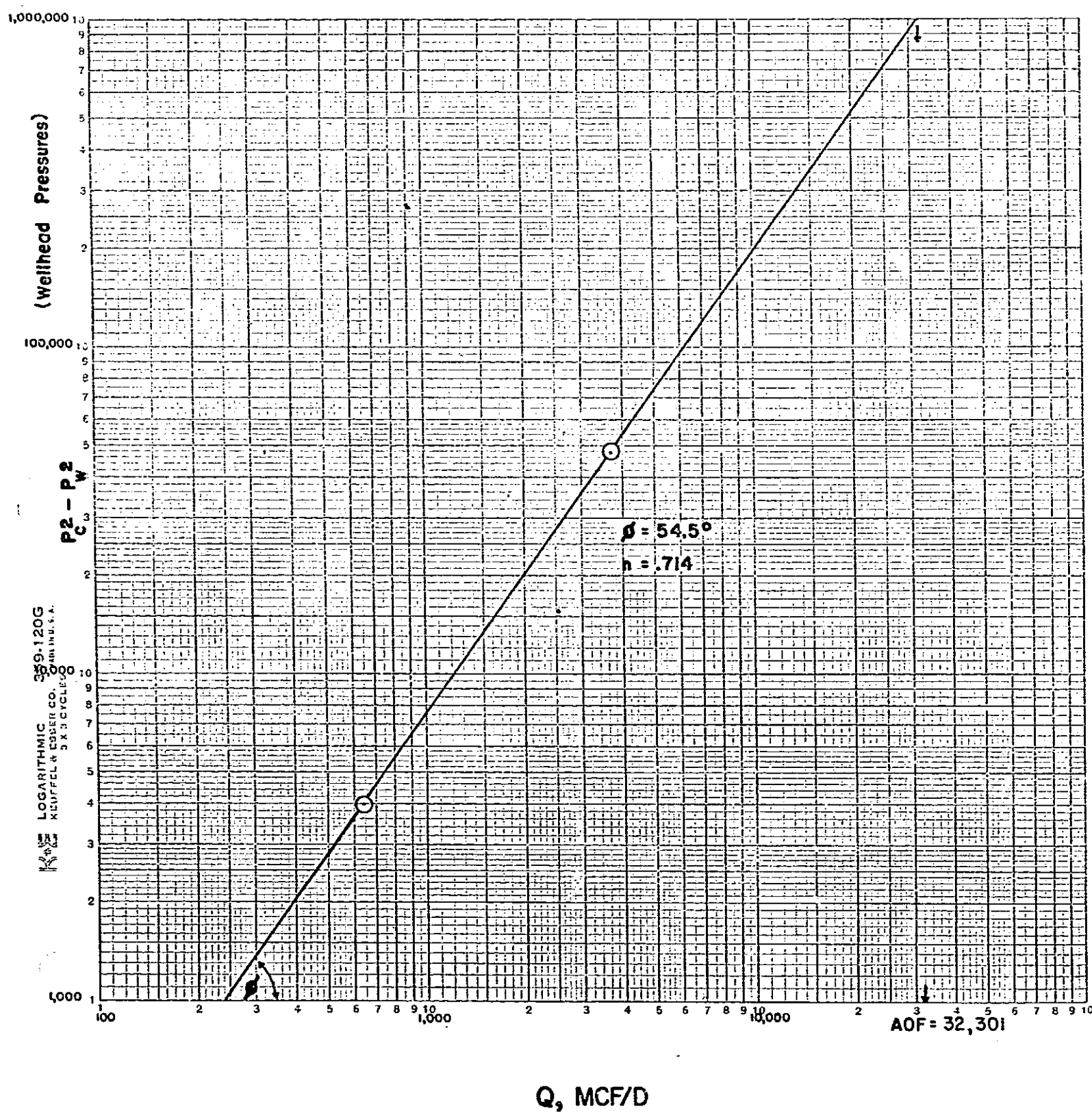
RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P <sub>m</sub>	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, F <sub>pv</sub>	Rate of Flow Q, Mcfd
1	1.845215	281.073	896	9850	1.1555	1.125	664
2	10.8422	182.200	872	9859	1.1555	1.120	2520
3	10.8422	265.510	886	9896	1.1555	1.124	3700
4.							
5.							

NO.	P <sub>r</sub>	Temp. °R	T <sub>r</sub>	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons	Deq.
2.					Specific Gravity Separator Gas	X X X X X X X X
3.					Specific Gravity Flowing Fluid	X X X X X
4.					Critical Pressure	P.S.I.A.
5.					Critical Temperature	R

P <sub>c</sub> 988 P <sub>c</sub> <sup>2</sup> 976.144		(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 20.836$		(2) $\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 8.73$	
NO.	$\frac{P_c^2}{P_c^2 - P_w^2}$	P <sub>w</sub>	P <sub>w</sub> <sup>2</sup>	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	
1	975	973		3.944	
2	975	967		15.728	
3	976	952		46.848	
4					
5					

Absolute Open Flow 32,301 Mcfd @ 15.025		Angle of Slope 54.5		Slope, n 714	
Remarks: P <sub>c</sub> obtained for each flow rate. Second Flow test does not fit the plot of other data.					
Approved By Commission:		Conducted By:		Calculated By: Tom B. Grant	
				Checked By:	

EPNG BITA PEAK NO. 1  
APACHE COUNTY, ARIZONA  
NOVEMBER 2, 1967



3511

32 x 10

Form 9-331 b  
(April 1932)


(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Budget Bureau No. 42-R-350.2  
Approval expires 12-31-55.

Indian Agency Navajo Tribal  
Contract No. 14-30-603-401

Allottee \_\_\_\_\_

Lease No. Bite Peak

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Well No. 1 is located 2130 ft. from N line and 550 ft. from E line of sec. 19  
W/4 Sec. 19 41N 31E G & B R N  
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)  
Wilcox Apache Arizona  
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 5098 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

It is intended to drill this well using rotary tools to an estimated total depth of 7060'. The open hole will plugged back to approximately 6000' and production casing run. All possible producing zones in the Paradox formation will be perforated and fractured.

Casing Program:

- 13 3/8" at 200' w/200 lbs cement circulated to the surface
- 9 5/8" at 1600' w/150 lbs cement
- 5 1/2" at 6000' w/500 lbs cement

The W/2 NW/4 Sec. 19 is dedicated to this well.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company El Paso Natural Gas Co.

Address Box 997

Farmington, N.M.

By Carroll McVold

Title Petroleum Engineer

35-17



STATE LAND DEPARTMENT  
STATE OF ARIZONA

Form OG 51

Form Prescribed Under Oil and Gas Conservation Act of 1951

NOTICE OF INTENTION TO DRILL NEW WELL

This notice and surety bond must be filed and permit  
must be granted before drilling begins

Farmington, N.M. ~~APR 1956~~ June 7, 19 56

State Land Commissioner

In compliance with Statewide Rule 3, notice is hereby given that it is our  
intention to commence the work of drilling well No. 1 Sec. 19,  
Bita Peak  
T. 41N, R. 31E, G & SRM B. & M., Wildcat Field,  
Apache County.

Legal description of lease W/2 NW/4 Sec. 19 - Navajo Tribal  
(Attach map or plat to scale)

Contract No. 14-20-603-401

Location of Well: 2130' from North line and 550' from  
(Give exact footage from section corners or other

West line of Section 19.

legal subdivisions or streets)  
Proposed drilling depth 7060 feet. Acres in drilling unit 80. Has  
surety bond been filed? yes. Is location a regular or exception to  
spacing rule? Regular.

Elevation of ground above sea level 5028 feet.

All depth measurements taken from top of Kelly Bushing  
(Derrick, floor, Rotary Table or Kelly  
Bushing) which is 10 feet above the ground.

PROPOSED CASING PROGRAM

Size of Casing	Inches A.P.I.	Weight	Grade and Type	Top	Bottom	Cementing Depths
13 3/8"		48.0#	H-40 Seamless	surf	200	200' (200 sks)
9 5/8"		36.0#	J-55 Seamless	surf	1600'	1600' (150 sks)
5 1/2"		15.50# & 17.0#	J-55 Seamless	surf	6000	6000' (500 sks)

Intended Zone or Zones of completion:

Name Perforated Interval

All possible producing zones in the Paradox formation will be perforated and  
fractured.

AFFIDAVIT:

I hereby certify under the penalty of perjury, that the information contained  
and statements herein made are to the best of my knowledge and belief, true, correct  
and complete.

El Paso Natural Gas Company

(Applicant)

By Ernest N. Wolke

Application approved this 6<sup>th</sup> day of May 19 56

Permit NO. 26 35

R. J. [Signature]  
State Land Commissioner

TO THE EL PASO NATURAL GAS COMPANY

NAVAJO TRIBAL

SECTION 19 BITA PEAK NO. 1

CONTRACT 14-20-603-401

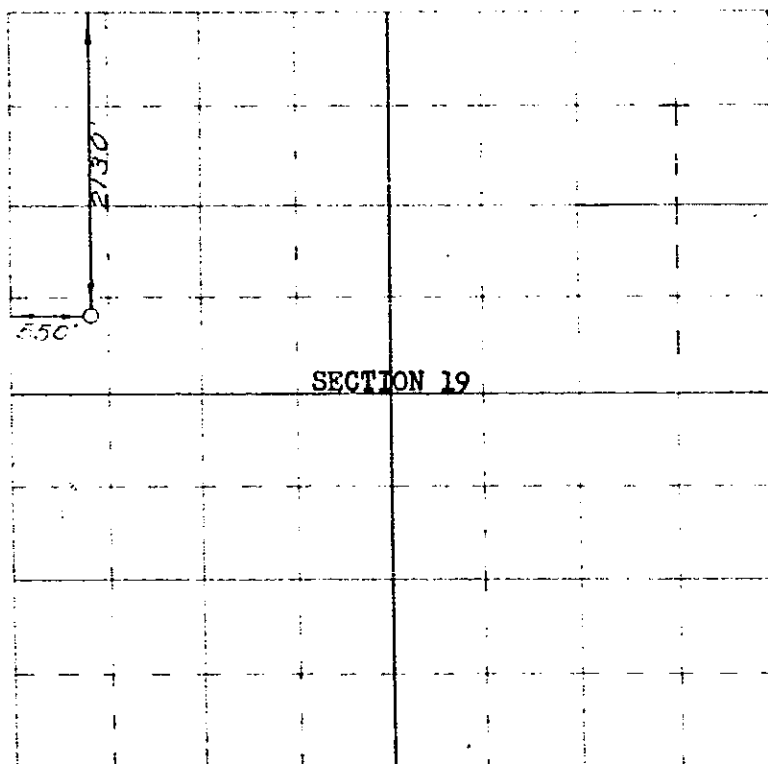
2130 FEET FROM THE NORTH LINE, 550 FEET FROM THE WEST LINE

SW/4 OF THE NW/4

SEC. 19, T. 41N., R. 31 E., G. & SRM

APACHE COUNTY, ARIZONA

Acres 5028



RECEIVED  
JUN 6 1956  
U. S. GEOLOGICAL SURVEY  
FARMINGTON, NEW MEXICO

Scale -- 4 inches equals 1 mile

Surveyed APRIL 16, 1956

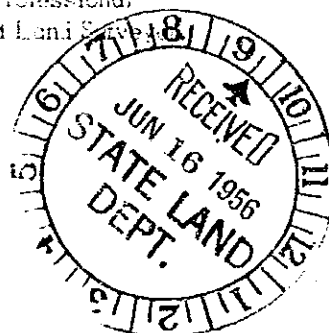
This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Cert:

Farmington, New Mexico



*Clarence Olin Walker*  
Registered Professional  
Engineer and Land Surveyor

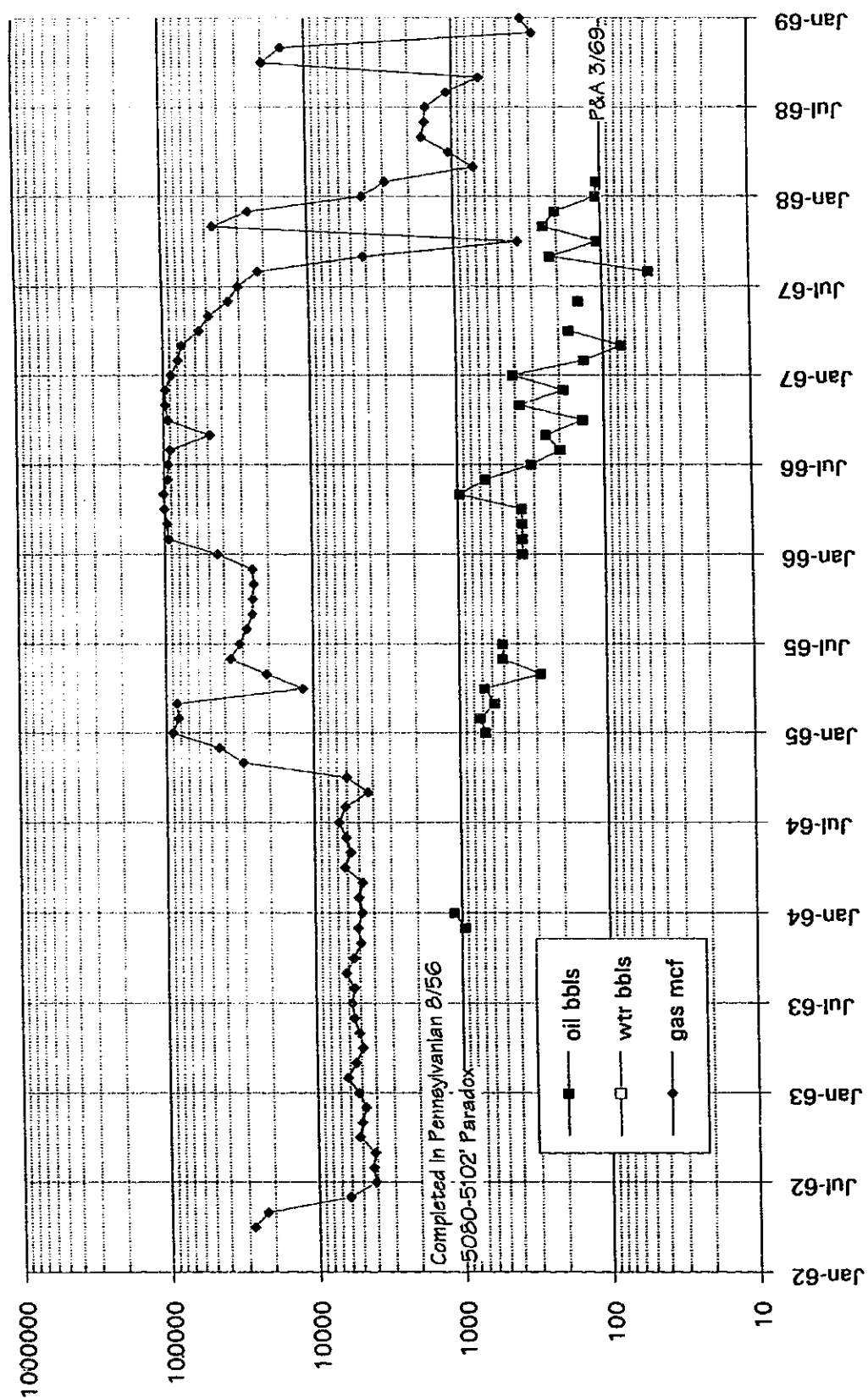


7295



EL PASO NATURAL GAS COMPANY  
RITA PEAK NO. 1 (P & A)  
CONTRACT 4-10-300-401  
PERMIT 35  
GRAHAM COUNTY ARIZONA

MONTHLY PRODUCTION AT EPNG 1 BITA PEAK-NAVAJO (35), ARIZONA: APR 1962 - JAN 1969  
 SW NW 19-41N-31E, Bita Peak Field, Apache County





MONTHLY PRODUCTION AT EL PASO 1 BITA PEAK-NAVAJO (35), ARIZONA  
(per SLR audit of monthly producer's reports 4/62 - 1/69)  
(sw nw 19-41n-31e, Bitu Peak Field, Apache County)

DATE	oil bbls	wtr bbls	gas mcf	oil ytd bbls	wtr ytd bbl	gas ytd mcf	oil cum bbl	wtr cum bbl	gas mcf cu	DATE
Jan-62										Jan-62
Feb-62										Feb-62
Mar-62										Mar-62
Apr-62			27647			27647			27647	Apr-62
May-62			22428			50075			50075	May-62
Jun-62			6168			56243			56243	Jun-62
Jul-62			4081			60324			60324	Jul-62
Aug-62			4212			64536			64536	Aug-62
Sep-62			4144			68680			68680	Sep-62
Oct-62			5229			73909			73909	Oct-62
Nov-62			5032			78941			78941	Nov-62
Dec-62			4718			83659			83659	Dec-62
Jan-63			5293			5293			88952	Jan-63
Feb-63			6189			11482			95141	Feb-63
Mar-63			5479			16961			100620	Mar-63
Apr-63			4883			21844			105503	Apr-63
May-63			5160			27004			110863	May-63
Jun-63			5577			32581			116240	Jun-63
Jul-63			5702			38283			121942	Jul-63
Aug-63			5499			43782			127441	Aug-63
Sep-63			6217			49999			133658	Sep-63
Oct-63			5484			55483			139142	Oct-63
Nov-63			4936			60419			144078	Nov-63
Dec-63	946		5126	946		65545	946		149204	Dec-63
Jan-64	1128		4786	1128		4786	2074		153990	Jan-64
Feb-64			5052	1128		9838	2074		159042	Feb-64
Mar-64			4776	1128		14614	2074		163818	Mar-64
Apr-64			6227	1128		20841	2074		170045	Apr-64
May-64			5707	1128		26548	2074		175752	May-64
Jun-64			6109	1128		32657	2074		181861	Jun-64
Jul-64			6813	1128		39470	2074		188674	Jul-64
Aug-64			6147	1128		45617	2074		194821	Aug-64
Sep-64			4295	1128		49912	2074		199116	Sep-64
Oct-64			6013	1128		55925	2074		205129	Oct-64
Nov-64			30389	1128		86314	2074		235518	Nov-64
Dec-64			43983	1128		130297	2074		279501	Dec-64
Jan-65	670		90886	670		90886	2744		370387	Jan-65
Feb-65	732		82364	1402		173250	3476		452751	Feb-65
Mar-65	581		84542	1983		257792	4057		537293	Mar-65
Apr-65	674		11684	2657		269476	4731		548977	Apr-65
May-65	279		20825	2936		290301	5010		569802	May-65
Jun-65	507		36543	3443		326844	5517		606345	Jun-65
Jul-65	508		31577	3949		358421	6023		637922	Jul-65
Aug-65			28357	3949		386778	6023		666279	Aug-65
Sep-65			25748	3949		412526	6023		692027	Sep-65
Oct-65			25553	3949		438079	6023		717580	Oct-65
Nov-65			25172	3949		463251	6023		742752	Nov-65
Dec-65			25632	3949		488883	6023		768384	Dec-65
Jan-66	363		44138	363		44138	6386		812522	Jan-66
Feb-66	364		94815	727		138953	6750		907337	Feb-66
Mar-66	364		95951	1091		234904	7114		1003288	Mar-66
Apr-66	367		100322	1458		335226	7481		1103610	Apr-66
May-66	967		100822	2425		436048	8448		1204432	May-66
Jun-66	645		94410	3070		530458	9093		1298842	Jun-66
Jul-66	312		93711	3382		624169	9405		1392553	Jul-66
Aug-66	198		90195	3580		714364	9603		1482748	Aug-66
Sep-66	247		48149	3827		762513	9850		1530897	Sep-66
Oct-66	140		93937	3967		856450	9990		1624834	Oct-66
Nov-66	370		97241	4337		953691	10360		1722075	Nov-66
Dec-66	187		96596	4524		1050287	10547		1818671	Dec-66
Jan-67	414		88286	414		88286	10961		1906957	Jan-67

MONTHLY PRODUCTION AT EL PASO 1 BITA PEAK-NAVAJO (35), ARIZONA  
(per SLR audit of monthly producer's reports 4/62 - 1/69)  
(sw nw 19-41n-31e, Bita Peak Field, Apache County)

DATE	oil bbls	wtr bbls	gas mcf	oil ytd bbls	wtr ytd bbl	gas ytd mcf	oil cum bbl	wtr cum bbl	gas mcf cu	DATE
Feb-67	136		78911	550		167197	11097		1985888	Feb-67
Mar-67	75		74555	625		241752	11172		2060423	Mar-67
Apr-67	171		56161	796		297913	11343		2116584	Apr-67
May-67			48487	796		346400	11343		2165071	May-67
Jun-67	147		35742	943		382142	11490		2200813	Jun-67
Jul-67			30310	943		412452	11490		2231123	Jul-67
Aug-67	48		21922	991		434374	11538		2253045	Aug-67
Sep-67	223		4186	1214		438560	11761		2257231	Sep-67
Oct-67	107		367	1321		438927	11868		2257598	Oct-67
Nov-67	244		43836	1565		482763	12112		2301434	Nov-67
Dec-67	202		25351	1767		508114	12314		2326785	Dec-67
Jan-68	108		4247	108		4247	12422		2331032	Jan-68
Feb-68	106		2920	214		7167	12528		2333952	Feb-68
Mar-68			719	214		7886	12528		2334671	Mar-68
Apr-68			1064	214		8950	12528		2335735	Apr-68
May-68			1622	214		10572	12528		2337357	May-68
Jun-68			1546	214		12118	12528		2338903	Jun-68
Jul-68			1511	214		13629	12528		2340414	Jul-68
Aug-68			1090	214		14719	12528		2341504	Aug-68
Sep-68			652	214		15371	12528		2342156	Sep-68
Oct-68			19624	214		34995	12528		2361780	Oct-68
Nov-68			14542	214		49537	12528		2376322	Nov-68
Dec-68			285	214		49822	12528		2376607	Dec-68
Jan-69			341			341	12528		2376948	Jan-69



OFFICE OF  
**Oil and Gas Conservation Commission**  
STATE OF ARIZONA  
4515 NORTH 7TH AVE.  
PHOENIX, ARIZONA 85013  
PHONE: (602) 271-5161

February 4, 1972

Mr. R. T. Young  
W. C. McBride, Inc.  
230 Denver Club Building  
Denver, Colorado 80202

Dear Mr. Young:


In answer to your request of February 2, 1972, we are furnishing the following information from our files:

ACCUMULATIVE PRODUCTION

	OIL BBLs	GAS MCF	PRESENT STATUS
Superior Oil No. 2 Navajo-H Section 16-T41N-R30E # 46	622	<sup>201,962</sup> <del>210,919</del>	P&A 5-15-68
El Paso No. 1 Bita Peak Section 19-T41N-R31E # 35 ✓	<sup>12,528</sup> <del>7,620</del>	<sup>2,376,948</sup> <del>2,292,443</del>	P&A 3-07-69
Pan American No. 1 Navajo-O Section 23-T41N-R30E # 232	78,200	424,546	Producing 31 OIL BBLs/DAY 100 GAS MCF/DAY

We are attaching a summary of yearly production through the year 1969 and also a copy of our Monthly Production Report for December, 1971. If you should need further information, please advise.

Very truly yours,

  
W. E. Allen, Director  
Enforcement Section

WEA/rlb

Encs.

**W. C. McBRIDE, INC.**

230 Denver Club Building  
DENVER, COLORADO 80202

**HOME OFFICE**

35 NORTH BRENTWOOD BLVD.  
ST. LOUIS, MO. 63108

February 2, 1972

825-2388

Arizona Oil & Gas Conservation Commission  
4515 North 7th Avenue  
Phoenix, Arizona 85013

Gentlemen:

We would very much like to obtain cumulative production  
and current production for three individual wells in Apache  
County:

Superior Oil No. 2 Navajo-H  
Sec. 16-T41N-R30E # 16

Pan American No. 1 Navajo-O  
Sec. 23-T41N-R30E 232-

El Paso No. 1 Bita Peak  
Sec. 19-T41N-R31E 35

Thank you very much.

Very truly yours,

W. C. McBRIDE, INC.

*Robert T. Young*  
R. T. Young

RTY:bv

RECEIVED  
FEB 04 1972  
O & G CONS. COMM.

*El Paso Natural Gas Company*

*El Paso, Texas* 79999

August 7, 1969

ADDRESS REPLY TO  
POST OFFICE BOX 980  
FARMINGTON, NEW MEXICO 87401

Mr. James A. Lambert  
Oil and Gas Conservation Commission  
Room 202, 1624 West Adams  
Phoenix, Arizona 85007

Re: El Paso Bita Peak #1  
T41N, R31E, G & SRM  
Sec. 19: SW/4 NW/4  
Apache County  
Permit #35

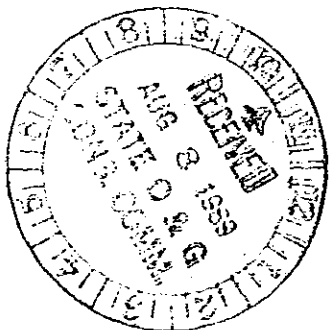
Dear Mr. Lambert:

A sign was installed on our abandoned Bita Peak No. 1 on August 6, 1969.

Yours very truly,

*Forrest H. Wood*  
Forrest H. Wood

FHW:brs



V-Chilona  
X-Lambert

July 31, 1969

Mr. Forrest Wood  
El Paso Natural Gas Company  
P. O. Box 990  
Farmington, New Mexico 87401

Re: El Paso Bita Peak #1  
T41N, R31E, G & SRM  
Sec. 19: SW/4 NW/4  
Apache County  
Permit #35

Dear Mr. Wood:

Please advise this office whether you have received and installed the sign ordered for the captioned well. Your letter dated June 9 indicated this should be accomplished by now.

Yours truly,

James A. Lambert  
Administrative Assistant

JAL:jf

*El Paso Natural Gas Company*

*El Paso, Texas* 79999

June 9, 1969

ADDRESS REPLY TO  
POST OFFICE BOX 990  
FARMINGTON, NEW MEXICO 87401

Arizona Oil and Gas Conservation Commission  
Room 202  
1624 West Adams  
Phoenix, Arizona 85007

Re: El Paso Bitu Peak #1  
T-41-N, R-31-E, G & SRM  
Sec. 19, Apache County, Arizona  
Permit #35

Gentlemen:

4<sup>u</sup> This is to advise that a sign has been ordered for the above captioned well and you will be notified when it has been received and installed.

This should be accomplished within approximately 45 days.

Yours very truly,

*FH Wood*

F. H. Wood,  
Regional Petroleum Engineer

FHW:dgb



35

x - Lambert  
x - Chano

May 29, 1969

Mr. Forrest Wood  
El Paso Natural Gas Company  
P. O. Box 990  
Farmington, New Mexico 87401

Re: El Paso Bita Peak #1  
T41N, R31E, G & SRM  
Sec. 19: SW/4 NW/4  
Apache County  
Permit #35

Dear Forrest:

I was reading the file today and noticed that I had a memo that you would notify us by letter concerning the dry hole marker on the captioned well. I believe that you were to see that the quarter-quarter section location and the permit number were to be included on the marker. We will appreciate a note from you advising us the present status of the marker situation.

Yours truly,

James A. Lambert  
Administrative Assistant

JAL:jf



X-Lambert Log  
X-Chloro Log

April 8, 1969

Mr. D. C. Adams  
Regional Production Engineer  
El Paso Natural Gas Company  
P. O. Box 990  
Farmington, New Mexico 87401

Re: El Paso Bita Peak #1  
T41N, R31E, G & SRM  
Sec. 19: SW/4 NW/4  
Apache County, Arizona  
Permit #35

Dear Mr. Adams:

We call your attention to Rule 202-A-7 which describes the dry hole marker required. Please advise us the date that this marker is placed at the captioned well.

Yours truly,

James A. Lambert  
Administrative Assistant

jf

X - Lambert Log  
X - Chrono Log

March 24, 1969

Mr. D. C. Adams  
Regional Production Engineer  
El Paso Natural Gas Company  
P. O. Box 990  
Farmington, New Mexico 87401

Re: El Paso Bita Peak #1  
T41N, R31E, G & SRM  
Sec. 19: SW/4 NW/4  
Apache County, Arizona  
Permit #35

Dear Mr. Adams:

We note by the Operator's Monthly Report received by this office on March 20 that the captioned well has been plugged and abandoned. We call your attention to our letter of February 21, 1969, and enclose the required form.

Please advise us the date that the dry hole marker is placed.

Yours truly,

James A. Lambert  
Administrative Assistant

JAL:jf

Enc.

February 21, 1969

Mr. D. C. Adams  
Regional Production Engineer  
El Paso Natural Gas Company  
P. O. Box 990  
Farmington, New Mexico 87401

Re: El Paso Bita Peak #1  
T41N, R31E, G & SRM  
Sec. 19: SW/4 NW/4  
Apache County, Arizona  
Permit #35

Dear Mr. Adams:

*recd. 3/25/69*

Enclosed is approved plugging program that you submitted. Please furnish this office a completed form #10 when such program has been accomplished.

We call to your attention Rule 202 A-7 which describes the dry hole marker required.

Yours truly,

James A. Lambert  
Administrative Assistant

JAL:jf  
Enc.

*El Paso Natural Gas Company*

*El Paso, Texas 79999*

February 20, 1969

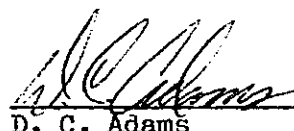
ADDRESS REPLY TO  
POST OFFICE BOX 980  
FARMINGTON, NEW MEXICO 87401

Mr. James A. Lambert  
Administrative Assistant  
Oil & Gas Conservation Commission  
State of Arizona  
1624 W. Adams  
Phoenix, Arizona 85007

Dear Mr. Lambert:

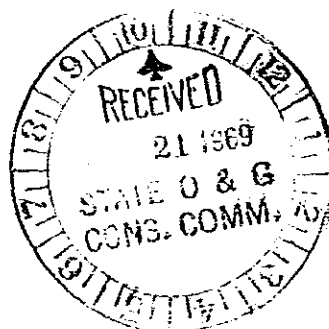
Attached hereto is the information you requested concerning our Bita Peak No. 1. I have also included a copy of our intention to plug and abandon the well.

If there is additional information you need concerning this well, please let me know.



D. C. Adams  
Regional Production Engineer

cc: Well File  
D. C. Adams



January 30, 1969

Mr. H. L. Kendrick  
El Paso Natural Gas Company  
P. O. Box 990  
Farmington, New Mexico 87401

Re: El Paso Natural Gas Bitu Peak #1  
T41N, R31E, G & SRM  
Sec. 19: SW/4 NW/4  
Apache County, Arizona  
Permit #35

Dear Mr. Kendrick;

We note 285 MCF was total production on the captioned well during the month of December. We are furnishing you our Form #25 so that you may keep this office informed as to your proposed course of action for the future, and the work that you have accomplished since December 4, 1968, when you reported a compressor had been installed at the wellhead. We ask that you give us a report concerning activities from December 4 through December 31 and a report covering the period of January 1, 1969, through January 31, 1969.

Yours truly,

James A. Lambert  
Administrative Assistant

JAL:jf  
Enc.

January 14, 1969

Mr. H. L. Kendrick  
El Paso Natural Gas Company  
P. O. Box 990  
Farmington, New Mexico 87401

Re: El Paso Bita Peak #1  
T41N, R31E, G & SRM  
Sec. 19: SW/4 NW/4  
Apache County, Arizona  
Permit #35

Dear Mr. Kendrick:

On December 2, 1968, we wrote you requesting an Annual Capacity Test on the captioned well. In correspondence dated December 4, 1968, you reported that you did not have the well on production, but that you would submit the Capacity Test as soon as possible. Please inform this Commission as to the status of the well by either submitting the Capacity Test or giving explanation of activities at this time.

Yours truly,

James A. Lambert  
Administrative Assistant

jf

*El Paso Natural Gas Company*

*El Paso, Texas* 79999

December 4, 1968

ADDRESS REPLY TO  
POST OFFICE BOX 980  
FARMINGTON NEW MEXICO 87401

Mr. James A. Lambert  
Administrative Assistant  
Oil and Gas Conservation Commission  
Room 202  
1624 West Adams  
Phoenix, Arizona 85007

Dear Mr. Lambert:

In reference to your letter of December 2, 1968, concerning the test on our Bita Peak No. 1 well in Apache County, Arizona, we are experiencing difficulties in producing this well into the line at this time. A compressor was recently installed at the wellhead to enable us to produce the well at a lower pressure. The well has unloaded a certain amount of water but as yet we have been unable to produce the well into the line.

Assuming we will be able to get the well on production, we will submit a test to you after that time. Otherwise, the well might be reported at this date as incapable of production.

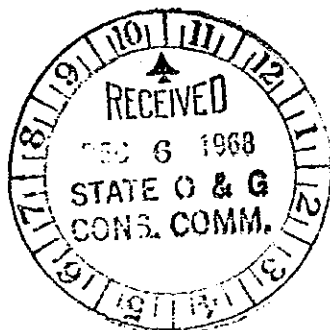
Yours very truly,

EL PASO NATURAL GAS COMPANY

*H. L. Kendrick*  
H. L. Kendrick  
Regional Well Test Engineer

HLK:pb

cc: W. G. Cutler  
L. G. Truby  
File



December 2, 1968

Mr. H. L. Kendrick  
El Paso Natural Gas Company  
P. O. Box 990  
Farmington, New Mexico 87401

Re: El Paso Bitu Peak #1  
T41N, R31E, G & SRM  
Sec. 19: SW/4 NW/4  
Apache County, Arizona  
Permit #35

Dear Mr. Kendrick:

Rule 401 of the "Rules and Regulations" published by the Oil and Gas Conservation Commission, State of Arizona, requires annual capacity tests of gas wells. A review of the file indicates that we have not received such a test. Enclosed are our forms 18 and 20 for your convenience.

Yours truly,

James A. Lambert  
Administrative Assistant

JAL:jf  
Enc.  
cc: Mr. L. G. Truby

35

32 x 14



*El Paso Natural Gas Company*

*El Paso, Texas 79999*

October 23, 1968

ADDRESS REPLY TO  
POST OFFICE BOX 990  
FARMINGTON NEW MEXICO 87401

Mr. James A Lambert, Administrative Assistant  
Oil & Gas Conservation Commission  
State of Arizona  
1824 West Adams, Room 202  
Phoenix, Arizona 85007

Dear Mr. Lambert:

Enclosed herewith is a copy of a back pressure test conducted on the EPNG Bita Peak No. 1 well in Apache County, Arizona. This test was conducted with the well producing into the line. You will also notice the test was conducted in November, 1967.

Three rates of flow were made during this test and a line was drawn through the first and last point on the back pressure curve obtaining a slope of .714. A calculated absolute open flow of 32,301 MCF/D was obtained on this test.

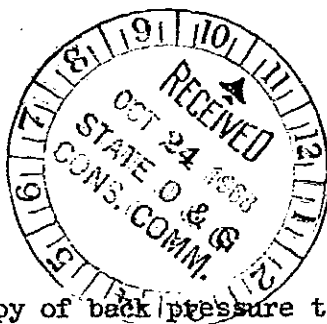
This well has not been tested during the year of 1968 due to its extremely low producing ability against existing line pressure in that area. We are in the process of installing compression facilities on this well and should be able to place the well in production in the near future. Assuming the well can be returned to normal production through this compression, we should be able to conduct a test for 1968 in the not too distant future.

If there are any questions, please call on us.

Yours very truly,

EL PASO NATURAL GAS COMPANY

*H. L. Kendrick*  
H. L. Kendrick  
Regional Well Test Engineer



HLK:pb

enc: copy of back pressure test

cc: R. F. Lemon  
L. G. Truby  
File

*El Paso Natural Gas Company*

*El Paso, Texas 79999*

September 25, 1968

ADDRESS REPLY TO  
POST OFFICE BOX 990  
FARMINGTON, NEW MEXICO 87401

Mr. James A. Lambert, Administrative Assistant  
Oil & Gas Conservation Commission  
State of Arizona  
1824 W. Adams, Room 202  
Phoenix, Arizona - 85007

Re: El Paso Bita Peak No. 1  
T-41-N, R-31-E G & SRM  
Sec. 19: SW/4 NW/4  
Apache County, Arizona  
Permit No. 35

Dear Mr. Lambert

Your correspondence concerning the annual capacity test for the subject well has been referred to Mr. H. L. Kendrick of El Paso's Well Test Engineering Department, whose address is Box 990, Farmington, New Mexico - 87401.

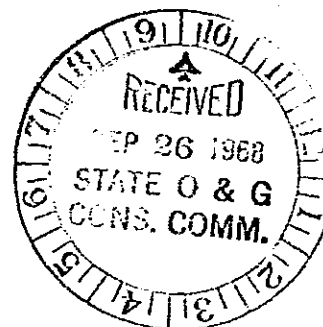
Test data and results will be forwarded to you soon.

Yours very truly,

*Carl E. Matthews*

Carl E. Matthews,  
Regional Petroleum Engineer

CEM:dgb



September 10, 1968

Mr. C. E. Matthews  
El Paso Natural Gas Company  
P. O. Box 990  
Farmington, New Mexico 87401

Re: El Paso Bita Peak #1  
T41N, R31E, G & SRM  
Sec. 19: SW/4 NW/4  
Apache County, Arizona  
Permit #35

Dear Mr. Matthews:

Rule 401 of the "Rules and Regulations" published by the Oil and Gas Conservation Commission, State of Arizona, requires annual capacity tests of gas wells. A review of the file indicates that we have not received such a test. Enclosed are our forms 18 and 20 for your convenience.

Yours truly,

James A. Lambert  
Administrative Assistant

JAL:jf  
Enc.  
cc: Mr. L. B. Truby

*El Paso Natural Gas Company*

*El Paso, Texas 79999*  
October 17, 1966

Arizona Oil & Gas Commission  
1624 West Adams Street  
Room 202  
Phoenix, Arizona

Attention: Mr. Jim Scurlock

Re: El Paso Natural Gas Company Well Bit Peak No. 1  
Section 19, T-41-N, R-31-E, Apache County, Arizona

Dear Jim:

To confirm our telephone conversation this date concerning liquid hydrocarbon production from the above referenced well, we submit the following data:

<u>Year</u>	
1963	946 bbls.
1964	1128 bbls.
1965	3949 bbls.
1966	3580 bbls., through August 1966.

Hydrocarbon produced is a sour distillate 62° - 63° API gravity. El Paso is now hauling the liquid to Shell's Refinery at Bloomfield, New Mexico, a distance of 72 miles. Standard price at the refinery is \$2.75 per barrel. We derive our net as follows:

	\$2.75 per bbl.
Minus	.36 per bbl. for gravity above 44.0 API. 2¢/bbl./degree.
	.63 per bbl. for freight
	\$1.76 per bbl. net.

We hope this information is sufficient for your purposes. If we can be of any further assistance, please call on us.

Very truly yours,

El Paso Natural Gas Company

*Lewis D. Galloway*  
Lewis D. Galloway  
Supervising Petroleum Engineer

LDG:jh  
cc: L. G. Truby  
H. L. Kendrick

WITNESSES BY THEIR HANDS:

That we, EL PASO NATURAL GAS CO.

hereinafter called Principal, and UNITED STATES FIDELITY AND GUARANTY CO.  
hereinafter called the Surety, are held and firmly bound unto the State  
of Texas in the sum of Ten Thousand Dollars (\$10,000) for the payment  
of which the Principal and Surety bind themselves, their heirs, executors,  
administrators, successors and assigns, jointly and severally, firmly by  
these presents.

Whereas the Principal has obtained a permit from the State  
Land Commissioner to drill a well in search of oil or gas, and whereas  
said Principal is required by provisions of the Oil and Gas Conservation  
Act of 1935 to deposit with the said Commissioner a good and sufficient  
bond:

Now, therefore, the condition of the foregoing obligation is  
such that if the Principal shall drill, cap and plug all wells drilled  
by said Principal in such manner as to prevent the escape of oil or gas  
from one stratum to another and to prevent the intrusion of water into an  
oil or gas stratum from a separate stratum, and to prevent the pollution  
of fresh water supplies by oil, gas or salt water and in such manner as  
to prevent waste, and shall make reports to the Commissioner showing the  
location of all oil and gas wells drilled by said Principal, and shall  
file all logs and drilling records kept by said Principal within six (6)  
months from the time of the completion or abandonment of any well drilled  
for oil or gas and shall plug each dry or abandoned well in the manner  
provided by the regulations adopted by said Commissioner, then  
this obligation shall be void, otherwise to be and remain in full  
force and effect.

Witness my hand and seal this 1 day of January 19 36.

[Signature]  
Vice President

EL PASO NATURAL GAS CO.

BY [Signature]  
Principal Vice President

RESIDENT AGENT

UNITED STATES FIDELITY AND GUARANTY CO.

Mary Van Hoff  
Atty-in-fact. Surety

Witness my hand and seal this 1 day of January 19 36.

STATE LAND COMMISSIONER

(CERTIFIED COPY)

## GENERAL POWER OF ATTORNEY

No. 61562

Know all Men by these Presents:

That UNITED STATES FIDELITY AND GUARANTY COMPANY, a corporation organized and existing under the laws of the State of Maryland, and having its principal office at the City of Baltimore, in the State of Maryland, does hereby constitute and appoint

Mary Van Hoff

of the City of El Paso, State of Texas,  
its true and lawful attorney in and for the County of El Paso

for the following purposes, to wit:

To sign its name as surety to, and to execute, seal and acknowledge any and all bonds, and to respectively do and perform any and all acts and things set forth in the resolution of the Board of Directors of the said UNITED STATES FIDELITY AND GUARANTY COMPANY, a certified copy of which is hereto annexed and made a part of this Power of Attorney; and the said UNITED STATES FIDELITY AND GUARANTY COMPANY, through us, its Board of Directors, hereby ratifies and confirms all and whatsoever the said

Mary Van Hoff

may lawfully do in the premises by virtue of these presents.

In Witness Whereof, the said UNITED STATES FIDELITY AND GUARANTY COMPANY has caused this instrument to be sealed with its corporate seal, duly attested by the signatures of its Vice-President and Assistant Secretary, this 10th day of April, A. D. 19 47

UNITED STATES FIDELITY AND GUARANTY COMPANY.

(Signed) By Jos. F. Matthai  
Vice-President.

(SEAL)

(Signed) G. P. Moore  
Assistant Secretary.

STATE OF MARYLAND

BALTIMORE CITY.

On this 10th day of April, A. D. 19 47, before me personally came Jos. F. Matthai, Vice-President of the UNITED STATES FIDELITY AND GUARANTY COMPANY and G. P. Moore, Assistant Secretary of said Company, with both of whom I am personally acquainted, who being by me severally duly sworn, said that they resided in the City of Baltimore, Maryland; that they, the said Jos. F. Matthai and G. P. Moore were respectively the Vice-President and the Assistant Secretary of the said UNITED STATES FIDELITY AND GUARANTY COMPANY, the corporation described in and which executed the foregoing Power of Attorney; that they each knew the seal of said corporation; that the seal affixed to said Power of Attorney was such corporate seal, that it was so affixed by order of the Board of Directors of said corporation; and that they signed their names thereto by like order as Vice-President and Assistant Secretary, respectively, of the Company.

My commission expires the first Monday in May, A. D. 19 47

(Seal) (Signed) Frieda Walter  
Notary Public.

STATE OF MARYLAND.

BALTIMORE CITY.

I, M. Luther Pittman, Clerk of the Superior Court of Baltimore City, which Court is a Court of Record, and has a seal, do hereby certify that Frieda Walter, Esquire, before whom the annexed affidavits were made, and who has thereto subscribed his name, was at the time of so doing a Notary Public of the State of Maryland, in and for the City of Baltimore, duly commissioned and sworn and authorized by law to administer oaths and take acknowledgments, or proof of deeds to be recorded therein. I further certify that I am acquainted with the handwriting of the said Notary, and verily believe the signature to be his genuine signature.

In Testimony Whereof, I hereto set my hand and affix the seal of the Superior Court of Baltimore City, the same being a Court of Record, this 10th day of April, A. D. 19 47

(SEAL) (Signed) M. Luther Pittman  
Clerk of the Superior Court of Baltimore City.

COPY OF RESOLUTION

*That Whereas*, it is necessary for the effectual transaction of business that this Company appoint agents and attorneys with power and authority to act for it and in its name in States other than Maryland, and in the Territories of the United States and in the Provinces of the Dominion of Canada and in the Colony of Newfoundland.

*Therefore, be it Resolved*, that this Company do, and it hereby does, authorize and empower its President or either of its Vice-Presidents in conjunction with its Secretary or one of its Assistant Secretaries, under its corporate seal, to appoint any person or persons as attorney or attorneys-in-fact, or agent or agents of said Company, in its name and as its act, to execute and deliver any and all contracts guaranteeing the fidelity of persons holding positions of public or private trust, guaranteeing the performances of contracts other than insurance policies and executing or guaranteeing bonds and undertakings, required or permitted in all actions or proceedings, or by law allowed, and

*Also*, in its name and as its attorney or attorneys-in-fact, or agent or agents to execute and guarantee the conditions of any and all bonds, recognizances, obligations, stipulations, undertakings or anything in the nature of either of the same, which are or may by law, municipal or otherwise, or by any Statute of the United States or of any State or Territory of the United States or of the Provinces of the Dominion of Canada or of the Colony of Newfoundland, or by the rules, regulations, orders, customs, practice or discretion of any board, body, organization, office or officer, local, municipal or otherwise, be allowed, required or permitted to be executed, made, taken, given, tendered, accepted, filed or recorded for the security or protection of, by or for any person or persons, corporation, body, office, interest, municipality or other association or organization whatsoever, in any and all capacities whatsoever, conditioned for the doing or not doing of anything or any conditions which may be provided for in any such bond, recognizance, obligation, stipulation, or undertaking, or anything in the nature of either of the same.

I, **H. G. Sachse**, an Assistant Secretary of the UNITED STATES FIDELITY AND GUARANTY COMPANY, do hereby certify that the foregoing is a full, true and correct copy of the original power of attorney given by said Company to **Mary Van Hoff**

of **El Paso, Texas**, authorizing and empowering **her** to sign bonds as therein set forth, which power of attorney has never been revoked and is still in full force and effect.

And I do further certify that said Power of Attorney was given in pursuance of a resolution adopted at a regular meeting of the Board of Directors of said Company, duly called and held at the office of the Company in the City of Baltimore, on the 11th day of July, 1910, at which meeting a quorum of the Board of Directors was present, and that the foregoing is a true and correct copy of said resolution, and the whole thereof as recorded in the minutes of said meeting.

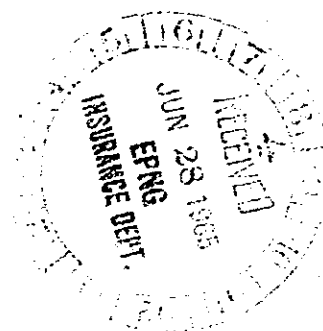
*In Testimony Whereof*, I have hereunto set my hand and the seal of the UNITED STATES FIDELITY AND GUARANTY COMPANY on

(Date)

1-1-1956

*H. G. Sachse*

Assistant Secretary.



*El Paso Natural Gas Company*

*El Paso, Texas 79999*

June 28, 1965

Mr. John Bannister, Executive Secretary  
Oil and Gas Conservation Commission  
State of Arizona  
Room 202  
1624 West Adams  
Phoenix, Arizona 85007

Re: United States Fidelity & Guaranty  
Bond No. 67209-13-1795-56

Dear Mr. Bannister:

We enclose photostatic copy of the above bond with  
applicable Power-of-Attorney as requested in your letter of June  
23, 1965.

We trust this to be in order.

Very truly yours,



W. E. McAngus  
Manager  
Insurance & Claims Department

WEM/ab

Enclosure

35



October 25, 1965

El Paso Natural Gas Company  
El Paso, Texas 79999

Attention: Mr. W.E. McAngus, Manager  
Insurance & Claims Department

Re: Federal Insurance Company Bond 8019-79-37

Gentlemen:

Enclosed is copy of captioned bond approved as of this date.

Since this above bond is now in full force and effect, this letter constitutes authority from this Commissioner to terminate U.S. Fidelity and Guaranty Bond 67209-13-1795-56.

Your cooperation is very much appreciated.

Yours very truly,

John Bannister  
Executive Secretary  
mr  
enc

cc: U.S. Fidelity & Guaranty Co.  
Baltimore, Maryland

35

October 21, 1965

Olliver Pilcher Associates, agent  
Federal Insurance Company  
3033 North Central  
Phoenix, Arizona

Attention: Mr. Carter Norris

Re: Federal Insurance Co. Bond 8019 79 57  
Amount \$25,000  
Principal, El Paso Natural Gas Company

Gentlemen:

Enclosed is captioned bond about which this office contacted you by telephone on this date requesting that said bond be countersigned by an Arizona agent.

A self-addressed stamped envelope is enclosed for your convenience in returning this bond to us.

Very truly yours,

John Bannister  
Executive Secretary  
mr  
enc

35

*El Paso Natural Gas Company*

*El Paso, Texas 79999*

October 15, 1965

Mr. John Bannister, Executive Secretary  
Oil & Gas Conservation Commission  
Room 202  
1624 West Adams  
Phoenix, Arizona 85007

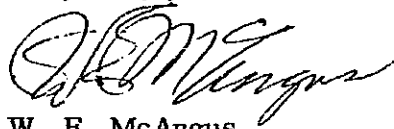
Re: United States Fidelity & Guaranty  
Bond 67209-13-1795-56

Dear Mr. Bannister:

We are renewing the above Bond with one issued  
by the Federal Insurance Company under their Serial Number  
8019-79-57 in the penal amount of \$25,000.00 as required.

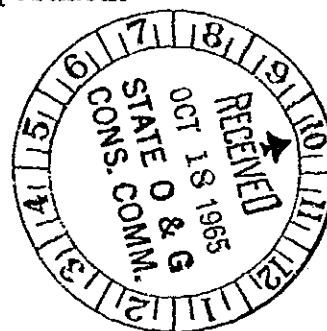
We trust this renewal bond meets the approval  
of the Conservation Commission, and upon approval, we request  
a letter of authority to terminate United States Fidelity & Guaranty  
Bond 67209-13-1795-56.

Very truly yours,



W. E. McAngus  
Manager  
Insurance & Claims Department

WEM/ab



October 11, 1965

El Paso Natural Gas Company  
Texas at Atanton  
El Paso, Texas

Attention: Mr. W.B. Warren

Re: U.S. Fidelity & Guaranty Co. Bond 67209 13 1795 56

Gentlemen:

As you are aware, the captioned bond in the amount of \$10,000 is on file with this Commission to cover bonding requirements of this Commission.

As a result of the public hearing held September 22, 1965 in Phoenix, Arizona, concerning the Rules and Regulations of this Commission, the bonding requirements have been increased to \$5,000 for a single well and to \$25,000 for a state-wide blanket bond.

As required by law, certified copy of the new Rules and Regulations was filed with the Secretary of State on October 1, 1965, and consequently the new Rules became effective on that date.

This letter is to request that at your earliest convenience you take the necessary steps to increase your state-wide bond to \$25,000. Upon receipt of your new bond your old bond of course may be released.

Your earliest cooperation will be appreciated.

Yours very truly,

John Bannister  
Executive Secretary  
mr

*File*

February 5, 1960

Mr D.M. Thomas  
P.O. Box 1161  
El Paso, Texas

Dear Mr. Thomas:

We inclose the Supplemental list of Deep Exploratory wells in Arizona,  
July 23, 1958 to December 1, 1959.

Very truly yours,

WFM-wfm

W.F. Maule  
Petr. Engr.

C  
O  
P  
Y

26 35

32 x 11

**EL PASO NATURAL GAS PRODUCTS COMPANY**  
POST OFFICE BOX 1161, EL PASO, TEXAS

February 3, 1960

ADDRESS REPLY TO:  
POST OFFICE BOX 1565  
FARMINGTON, NEW MEXICO

State Land Department  
Phoenix, Arizona

Gentlemen:

Would you please send supplemental list of Exploratory Deep Wells of the State of Arizona, compiled after July 23, 1958.

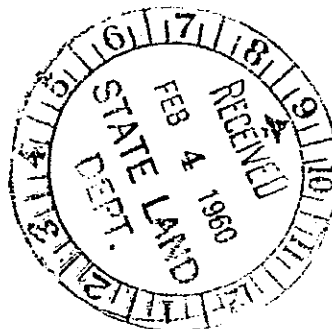
Very truly yours,

*D. M. Thomas*

D. M. Thomas

DMT-gp

1456



2635

32 x 1

August 30, 1956

El Paso Natural Gas Company  
P. O. Box 997  
Farmington, New Mexico

Gentlemen:

We wish to acknowledge receipt of Radioactivity Log on  
your No. 1 Rita Peak, located in Section 19, Township  
41 North, Range 31 East, Apache County, Arizona and  
for which we wish to thank you.

Very truly yours,

Donald D. Lewis,  
Office Manager

DDL:mb

235

ARIZONA REPUBLIC

AUGUST 28, 1956

## Northeast Arizona Tests Bring In 2 Big Gassers

A GAS FIELD in northeast Arizona is indicated in tests reported here yesterday.

El Paso Natural Gas Co. on its own leases, and Franco-Western Oil Co. on a farmout from Shell Co., drilled the two newest of this state's gassers.

El Paso's Bita Pear, 4 1/2 miles south of Four Corners and 10 miles west of the New Mexico line in Arizona, has been developed as a gasser with production of 19 million cubic feet of gas daily.

FRANCO-WESTERN's well is 10 miles west of El Paso's. It is the Toh-Atin.

In a drill-stem test, the Franco-Western well flowed at the rate of 76 million cubic feet through a half-inch choke. It also yielded an estimated 18 barrels of distillate.

Franco-Western hit production at from 5,359 to 5,367, a range of 8 feet.

Oil and gas journals describe Franco-Western's discovery as a new field.

EL PASO'S test was drilled to 5,648 feet but plugged back to 5,135. It then was perforated with 88 shots between 5,080 and 5,102 feet, and acidized with

6,000 gallons of 15 per cent acid.

An immediate flow-back was reported, which was gauged at 19 million cubic feet after seven hours, and increased to 19 million after 24 hours. A shut-in pressure of 1,900 pounds after 13 hours also was reported. The well then was opened 30 minutes, the flow again gauged at 19 million cubic feet, and the well then was shut-in.

BEFORE drilling the Bita Pear wildcat, El Paso sank half a dozen stratigraphic tests to determine structure.

The well is the company's first in Arizona. It holds leases on 26 sections in the state's northeast area.



*El Paso Natural Gas Company*

*El Paso, Texas*

July 10, 1956

DIRECT REPLY TO:  
P.O. BOX 887  
FARMINGTON, NEW MEXICO

Mr. Roger Ernst  
State Land Commissioner  
State Land Department  
Phoenix, Arizona

Dear Mr. Ernst:

We have just received your letter of July 6, 1956, acknowledging the receipt of the \$25.00 for the drilling permit and the \$10,000.00 bond for our Bita Peak No. 1. Also received were the approved copies of Forms O&G 51 and 56 on our Four Corners Strat Tests.

You stated in your letter that you had not received the Form O&G 56 on the Four Corners Strat Test No. 4. The reason you have not received the form is that the rig which was over the well stuck the drill pipe and had to move over and drill the No. 4-X. The rig has since gone to work for another company and will move back over the No. 4 and try to recover the drill pipe. At such time the drill pipe is recovered or we decide to leave the drill pipe in the hole we will file Form O&G 56 concerning the abandonment and plugging of the well.

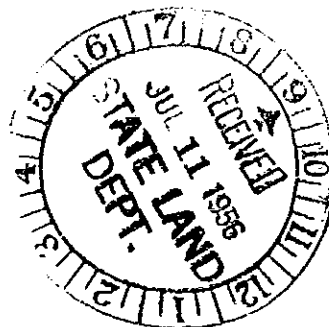
We thank you for your consideration concerning our operations and if we can be of any help to you, please do not hesitate to call upon us.

Sincerely yours,

*Ewell N. Walsh*

Ewell N. Walsh  
Assistant Senior  
Petroleum Engineer

ENW:ajh



July 6, 1956

Mr. E. J. Coal  
El Paso Natural Gas Company  
P. O. Box 997  
Farmington, New Mexico

Dear Mr. Coal:

We wish to acknowledge receipt of your check number 17,096 dated June 22, 1956 in the amount of \$25.00, to cover the cost of drilling permit for your Rita Peak #1 Well to be located in the W<sup>1</sup>/<sub>4</sub> of Section 19, Township 41 North, Range 31 East, Apache County, Arizona, and for which we wish to thank you.

We would like to advise you that the bond in the amount of \$10,000 has been filed by Marlar, Pierce & Johnson, Inc., of Phoenix, Arizona, issued in behalf of the El Paso Natural Gas Company, as principal, and the U. S. Fidelity and Guaranty Co., as Surety, to cover the permit to drill in search of oil or gas in the State of Arizona. We appreciate your prompt attention given in the matter of these requirements.

We are inclosing your copies for your files of our forms O&G 51 and 56 with regard to your strat drilling operations. At this time, we would like to call your attention to the filing of form O&G 56 to cover the abandonment of your strat test #4, which was drilled in Section 19, Township 41 North, Range 31 East. We realize that at the time of this operation, the drill pipe stuck in this #4 test, and that you had to move the rig six feet south to drill a new hole. We have received the proper forms on all of these tests, including 4-X, but we are in need of our form O&G 56 for the #4 well. Would you please fill out the inclosed form, in duplicate, for the #4 test, and return them to us for processing.

Thank you again for your cooperation. We sincerely trust your drilling operation of the Rita Peak #1 well will be a successful one.

Very truly yours,

Roger Ernst,  
State Land Commissioner

RE:mb  
ENCIS.

*El Paso Natural Gas Company*

*El Paso, Texas*

June 26, 1956

Arizona State Land Commission  
Phoenix, Arizona

Gentlemen:

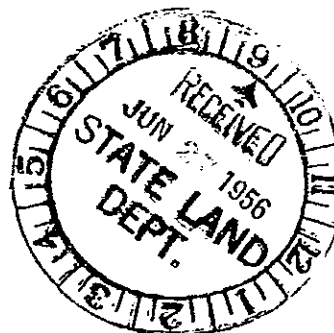
Please find enclosed our check No. 17,096 in  
the amount of \$25.00 to cover the cost of drilling  
permit on our Bita Peak #1 Well to be located in  
the W/2 NW/4 of Section 19, Township 41 North, Range  
31 East, Apache County, Arizona.

Very truly yours,

*James C. Vandiver*  
James C. Vandiver  
Area Landman  
Lease Department

JCV:JWC:eb  
Enclosure

REGISTERED



June 18, 1956

Mr. E. J. Coel  
El Paso Natural Gas Company  
P. O. Box 997  
Farmington, New Mexico

Dear Mr. Coel:

We wish to acknowledge receipt of a letter dated June 7th, 1956 which was sent by Mr. E. N. Walsh of your Company, together with our form OG 51, "Notice of Intention to Drill New Well" for your Rita Peak #1 well, located in the W $\frac{1}{2}$ NW $\frac{1}{4}$  of Section 19, Township 41 North, Range 31 East, Apache County, Arizona. Mr. Walsh states that a rig will be moved on this location shortly.

Before approval can be granted, we must be in receipt of your check in the amount of \$25.00 to cover the cost of the drilling permit. Also, a bond in the amount of \$2,500.00 for an individual well, or a blanket bond in the amount of \$10,000.00 to cover the cost of one or more wells, must be filed with this Department. As soon as this office is in receipt of these two requirements, and approval has been granted on your proposed casing program, we shall be happy to issue a drilling permit for this well.

At this time, we also wish to acknowledge receipt of our forms OG 51, and 56 with regard to the various strat tests which were recently made, and for which we wish to thank you. On checking our records, we find that all of the forms have been filed on each individual strat test with the exception of the #1 well located in the SW $\frac{1}{4}$  of the SE $\frac{1}{4}$  of Section 19, Township 41 North, Range 31 East. If you plan on abandoning this location also, would you please fill out the inclosed form OG 56, and return to this office for processing.

Thank you very much for your cooperation in the above matters.

Very truly yours,

Louis Duncan,  
Office Manager

LD:mb  
Encl. (2)  
cc - E. N. Walsh - P. W. Johnson



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
P. O. Box 965  
Farmington, New Mexico

IN REPLY REFER TO:

June 8, 1956

El Paso Natural Gas Company  
Box 997  
Farmington, New Mexico

Re: Navajo Contract  
14-20-603-401

Gentlemen:

Receipt is acknowledged of your "Notice of Intention to Drill" dated June 8, 1956 covering your well No. 1 Bitá Peak in NW 1/4 sec. 19, T. 41 N., R. 31 E., G. & S. R. M., Apache County, Arizona, Wildcat pool.

Your proposed work is hereby approved subject to compliance with the provisions of the "Oil and Gas Operating Regulations" revised May 25, 1942, a copy of which will be sent to you on request, and subject to the following conditions:

1. Drilling operations so authorized are subject to the attached sheet for general conditions of approval.
2. Furnish copies of all logs.

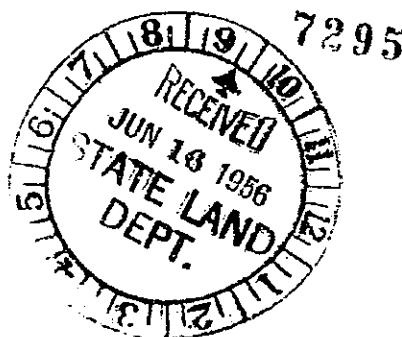
Very truly yours,

(Orig. Sgd.) P. T. McGrath

P. T. McGrath  
District Engineer

PTMcGrath:ac  
cc - Navajo Agency

Ariz State



34 35

*El Paso Natural Gas Company*

*El Paso, Texas*

June 7, 1956

DIRECT REPLY TO:  
P.O. BOX 887  
FARMINGTON, NEW MEXICO

Mr. Rodger Ernst  
State Land Commissioner  
State Land Department  
Phoenix, Arizona

Dear Mr. Ernst,

Attached you will find the Intention to Drill for our well Bita Peak No. 1, to be located in the W/2 NW/4 of Section 19, Township 41 North, Range 31 East.

We plan to move a rig on this location within the next ten days. We would appreciate your approval to drill the well as soon as you could possibly handle the matter.

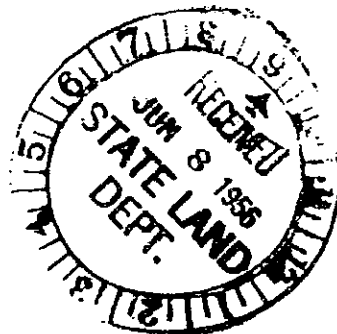
Sincerely yours,

*Ewell N. Walsh*

Ewell N. Walsh  
Assistant Senior  
Petroleum Engineer

ENW:jw

Enclosure



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